

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

McCall, Catherine A.
Babu, Uma Mahesh
Radecki, Steven V.

) Group Art Unit: 1641

) Examiner: Yang, Nelson C.

REQUEST FOR
EXTENSION OF TIME

Serial No.: 10/038,519

Filed: January 3, 2002

Atty. File No.: SC-1-C2

For: "DETECTION OF ALLERGEN-
SPECIFIC IgE"

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE AND
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HESKA CORPORATIONBy: Susan A. Gordon

Susan A. Gordon

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Applicants respectfully petition, under 37 CFR § 1.136(a), for an extension of time of one (1) month to respond to the Office Action mailed from the U.S. Patent and Trademark Office on February 10, 2004, with respect to the above-identified application, thereby extending the period for response from May 10, 2004, to June 10, 2004.

Applicants hereby authorize the requisite extension fee of \$55 to be charged to Deposit Account 081930. Please credit any overpayment or debit any underpayment to Deposit Account No. 081930.

Respectfully submitted,

Dated: June 4, 2004

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23 JUN 2004

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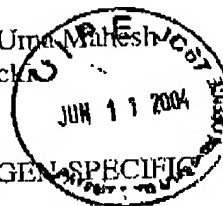
DATE: June 4, 2004

APPLICANT: Catherine A. McCall; Uma Maheshwari
Babu; Steven V. Radecki

SERIAL NO.: 10/038,519

ATTY. FILE NO.: SC-1-C2

TITLE: "DETECTION OF ALLERGEN SPECIFIC
IgE"



RECEIPT IS HEREBY ACKNOWLEDGED OF:
Request for Extension of Time (one month);
Amendment and Response; English translations of
abstracts for references B1 and B2.



UNITED STATES
PATENT AND
TRADEMARK OFFICE

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FINA

Under Secretary of Commerce for Intellectual Property and
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Page	1

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DATE POSTED MO. DAY YR.	CONTROL NO.	DESCRIPTION (Serial, Patent, TM, Order)	DOCKET NO.	FEE CODE	CHARGES/ CREDITS	BALANCE
6/15/04	118	10038519	SC-1-C2	2251	hmo ext 55.00	4407.00
<p><i>payment of the extension of time fee</i></p>						
<p>AN AMOUNT SUFFICIENT TO COVER ALL SERVICES REQUESTED MUST ALWAYS BE ON DEPOSIT</p>						
			OPENING BALANCE	TOTAL CHARGES	TOTAL CREDITS	CLOSING BALANCE
			5232.00	3693.00	5000.00	6539.00

Method for the determination of allergen-specific antibodies in body fluids

Patent number: DE3820556
Publication date: 1989-12-21
Inventor: ALBERT WINFRIED DR PHIL (DE); GROL MICHAEL
DR RER NAT (DE); STAHL PETER DR RER NAT (DE)
Applicant: BOEHRINGER MANNHEIM GMBH (DE)
Classification:
- **international:** C07K15/06; G01N33/53; G01N33/532
- **European:** G01N33/53F, G01N33/543B, G01N33/569H,
G01N33/68B
Application number: DE19883820556 19880616
Priority number(s): DE19883820556 19880616

Abstract of DE3820556

In the determination of allergen-specific antibodies in body fluids by the immunoassay principle by incubation with at least two receptors R1 and R2 which are able to bind to the antibody to be determined, where R2 carries a label, separation of the solid from the liquid phase and measurement of the label in one of the two phases, the allergen which is capable of specific binding to the antibody to be determined is used as R1, and a conjugate of a label and an antibody directed against the Fe part of IgE or IgG is used as R2.

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① BUNDESREPUBLIK
DEUTSCHLAND



DEUTSCHES
PATENTAMT

① Offenlegungsschrift
DE 3820556 A1

② Aktenzeichen: P 38 20 556.4
③ Anmeldetag: 16. 6. 88
④ Offenlegungstag: 21. 12. 89

⑤ Int. Cl. 4:
G 01 N 33/53
G 01 N 33/532
C 07 K 15/06
// C12N 15/00,5/00,
C12P 19/34,
C07H 21/04

Behördensigntur

COPY

DE 3820556 A1

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④ Verfahren zur Bestimmung von allergenspezifischen Antikörpern in Körperflüssigkeiten




Zur Bestimmung von allergenspezifischen Antikörpern in Körperflüssigkeiten nach dem Prinzip des Immunoassays durch Inkubation mit mindestens zwei Rezeptoren R_1 und R_2 , die mit dem zu bestimmenden Antikörper bindetfähig sind, wobei R_2 eine Markierung trägt. Trennung der festen von der flüssigen Phase und Messung der Markierung in einer der beiden Phasen, verwendet man als R_1 das mit dem zu bestimmenden Antikörper spezifisch bindetfähige Allergen und als R_2 ein Konjugat aus einem gegen den Fc-Teil von IgE oder IgG gerichteten Antikörper und einer Markierung.

DE 3820556 A1

Streifentest zur in-vitro-Allergiediagnostik

Patent number: DE19721151
Publication date: 1998-11-26
Inventor: CROMWELL OLIVER DR (DE); FIEBIG HELMUT PROF (DE); WAHL RUEDIGER DR (DE)
Applicant: MERCK PATENT GMBH (DE)
Classification:
- international: G01N33/543; G01N33/52; A61B10/00
- european: G01N33/68B
Application number: DE19971021151 19970521
Priority number(s): DE19971021151 19970521

Also published as:

 WO9853321 (A1)
 EP1019730 (A1)
 TR9902855T (T2)

Abstract of DE19721151

The invention relates to a strip test for diagnosing allergies in-vitro, and a method for detecting specific IgE in whole blood or in sera. The invention also relates to the use of said strip test for detecting inhaled allergens, food allergens, cross-reactivity allergens and Mediterranean allergens.

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DEUTSCHLAND



DEUTSCHES
PATENT- UND
MARKENAMT

⑯ **Offenlegungsschrift**
⑩ **DE 197 21 151 A 1**

⑤ Int. Cl.⁶:
G 01 N 33/543
G 01 N 33/52
A 61 B 10/00

⑲ Aktenzeichen: 197 21 151.8
⑳ Anmeldetag: 21. 5. 97
㉑ Offenlegungstag: 26. 11. 98

COPY

DE 197 21 151 A 1

⑲ Anmelder:
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⑲ Erfinder:
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Oliver, Dr., 21465 Wentorf, DE; Fiebig, Helmut, Prof.,
21493 Schwarzenbek, DE

⑥⑥ Entgegenhaltungen:
DE 1 95 26 675 A1
US 43 31 650
EP 02 03 238 A1
WO 85 02 262

KEMENY, D.M.: ELISA - Anwendung des Enzyms
Linked Immunosorbent Assay im biologisch
medizinischen Labor, 1994, Gustav Fischer
Verlag Stuttgart (u.a.), S. 92;

Die folgenden Angaben sind den vom Anmelder eingereichten Unterlagen entnommen

Prüfungsantrag gem. § 44 PatG ist gestellt

④ Streifentest zur in-vitro-Allergiediagnostik

⑤ Die Erfindung betrifft einen Streifentest zur in-vitro Allergiediagnose und ein Verfahren zum Nachweis von spezifischem IgE in Vollblut oder Seren im human- und veterinärmedizinischen Bereich sowie die Verwendung des Streifentests zum Nachweis von Inhalations-, Nahrungsmittel-, Kreuzreaktivitäts- und Mediterraneanallergenen.

DE 197 21 151 A 1